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<u>AMENDMENTS TO THE CLAIMS:</u>

The following listing of claims replaces all prior listings, and all prior versions, of claims in the application.

LISTING OF CLAIMS:

(Original) A circuit connecting material for connection of

a first circuit member having a plurality of first circuit electrodes formed on the main surface of a first circuit board and

a second circuit member having a plurality of second circuit electrodes formed on the main surface of a second circuit board,

with said first and second circuit electrodes opposing each other, the circuit connecting material comprising an adhesive composition and covered particles comprising conductive particles with portions of their surfaces covered by insulating fine particles,

wherein the mass of said insulating fine particles constitutes 2/1000 to 26/1000 of the mass of said conductive particles.

2. (Original) A circuit connecting material for connection of

a first circuit member having a plurality of first circuit electrodes formed on the main surface of a first circuit board and

a second circuit member having a plurality of second circuit electrodes formed on the main surface of a second circuit board,

with said first and second circuit electrodes opposing each other, the circuit connecting material comprising an adhesive composition and covered particles comprising conductive particles with portions of their surfaces covered by insulating fine particles,

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wherein said conductive particles have nuclei comprising a polymer, and

the mass of said insulating fine particles constitutes 7/1000 to 86/1000 of the

mass of said nuclei.

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3. (Original) A circuit connecting material for connection of

a first circuit member having a plurality of first circuit electrodes formed on the

main surface of a first circuit board and

a second circuit member having a plurality of second circuit electrodes formed

on the main surface of a second circuit board,

with said first and second circuit electrodes opposing each other, the circuit

connecting material comprising an adhesive composition and covered particles

comprising conductive particles with portions of their surfaces covered by insulating

fine particles,

wherein the specific gravity of said covered particles is 97/100 to 99/100 of

the specific gravity of said conductive particles.

4. (Currently amended) A circuit connecting material according to claim

13, wherein in said covered particles, 5 to 60% of the surfaces of said conductive

particles are covered by said insulating fine particles.

5. (Currently amended) A circuit connecting material according to <u>claim</u>

1 any one of claims 1 to 4, wherein the mean particle size of said insulating fine

particles is 1/40 to 1/10 of the mean particle size of said conductive particles.

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6. (Currently amended) A circuit connecting material according to <u>claim</u>

<u>1any one of claims 1 to 5</u>, wherein said insulating fine particles <u>comprise</u>are

comprising a polymer of a radical polymerizing substance.

7. (Currently amended) A circuit connecting material according to <u>claim</u>

1 any one of claims 1 to 6, wherein said adhesive composition comprises a radical

polymerizing substance and a curing agent which generates free radicals in

response to heating.

8. (Currently amended) A circuit connecting material according to claim

1 any one of claims 1 to 7, which further comprises a film-forming material comprising

a phenoxy resin.

9. (Original) A circuit connecting material according to claim 8, wherein

said phenoxy resin has a molecular structure derived from a polycyclic aromatic

compound in the molecule.

10. (Original) A circuit connecting material according to claim 9, wherein

said polycyclic aromatic compound is fluorene.

11. (Currently amended) A circuit connecting material film comprising a

circuit connecting material according to claim 1 any one of claims 1 to 10 formed into

a film.

12. (Currently amended) A circuit member connection structure provided with

a first circuit member having a plurality of first circuit electrodes formed on the main surface of a first circuit board,

a second circuit member having a plurality of second circuit electrodes formed on the main surface of a second circuit board,

and a circuit connecting member situated between the main surface of said first circuit board and the main surface of said second circuit board, and connecting said first and second circuit members together with said first and second circuit electrodes opposing each other,

wherein said circuit connecting member comprises is comprising a cured circuit connecting material according to claim 1 any one of claims 1 to 10,

and said first circuit electrodes and said second circuit electrodes are electrically connected through said covered particles.

- 13. (Original) A circuit member connection structure according to claim 12, wherein, when a direct current voltage of 50 V is applied between adjacent circuit electrodes, the resistance value between said adjacent circuit electrodes is $10^9 \, \Omega$ or greater.
- 14. (Currently amended) A circuit member connection structure according to claim 12-or-13, wherein at least one of said first and second circuit members is an IC chip.

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15. (Currently amended) A circuit member connection structure according to <u>claim 12</u> any one of claims 12 to 14, wherein the connection resistance between

said first circuit electrodes and said second circuit electrodes is no greater than 1 Ω .

16. (Currently amended) A circuit member connection structure according

to claim 12 any one of claims 12 to 15, wherein at least one of said first and second

circuit electrodes comprises an electrode surface layer comprising at least one

material compound selected from the group consisting of comprising gold, silver, tin,

platinum group metals and indium tin oxide.

17. (Currently amended) A circuit member connection structure according

to claim 12 any one of claims 12 to 16, wherein at least one of said first and second

circuit members comprises a board surface layer comprising at least one compound

selected from the group consisting of comprising silicon nitride, silicone compounds

and polyimide resins.

18. (Currently amended) A process for fabrication of a circuit member

connection structure, comprising:

a step of situating a circuit connecting material according to claim 1 any one of

claims 1 to 10 between a first circuit member having a plurality of first circuit

electrodes formed on the main surface of a first circuit board and a second circuit

member having a plurality of second circuit electrodes formed on the main surface of

a second circuit board, with said first circuit electrode and second circuit electrode

opposing each other; and

a step of curing said circuit connecting material by heating and pressing.

- 19. (New) A circuit connecting material according to claim 2, wherein in said covered particles, 5 to 60% of the surfaces of said conductive particles are covered by said insulating fine particles.
- 20. (New) A circuit connecting material according to claim 3, wherein in said covered particles, 5 to 60% of the surfaces of said conductive particles are covered by said insulating fine particles.
- 21. (New) A circuit connecting material according to claim 2, wherein the mean particle size of said insulating fine particles is 1/40 to 1/10 of the mean particle size of said conductive particles.
- 22. (New) A circuit connecting material according to claim 3, wherein the mean particle size of said insulating fine particles is 1/40 to 1/10 of the mean particle size of said conductive particles.
- 23. (New) A circuit connecting material according to claim 2, wherein said insulating fine particles comprise a polymer of a radical polymerizing substance.
- 24. (New) A circuit connecting material according to claim 3, wherein said insulating fine particles comprise a polymer of a radical polymerizing substance.

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(New) A circuit connecting material according to claim 2, wherein said 25.

adhesive composition comprises a radical polymerizing substance and a curing

agent which generates free radicals in response to heating.

26. (New) A circuit connecting material according to claim 3, wherein said

adhesive composition comprises a radical polymerizing substance and a curing

agent which generates free radicals in response to heating.

(New) A circuit connecting material according to claim 2, which further 27.

comprises a film-forming material comprising a phenoxy resin.

(New) A circuit connecting material according to claim 3, which further 28.

comprises a film-forming material comprising a phenoxy resin.

(New) A circuit connecting material according to claim 28, wherein

said phenoxy resin has a molecular structure derived from a polycyclic aromatic

compound in the molecule.

(New) A circuit connecting material according to claim 27, wherein 30.

said phenoxy resin has a molecular structure derived from a polycyclic aromatic

compound in the molecule.

(New) A circuit connecting material according to claim 30, wherein 31.

said polycyclic aromatic compound is fluorene.

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32. (New) A circuit connecting material according to claim 29, wherein

said polycyclic aromatic compound is fluorene.

33. (New) A circuit connecting material film comprising a circuit connecting

material according to claim 2 formed into a film.

34. (New) A circuit connecting material film comprising a circuit connecting

material according to claim 3 formed into a film.

35. (New) A circuit member connection structure provided with

a first circuit member having a plurality of first circuit electrodes formed on the

main surface of a first circuit board,

a second circuit member having a plurality of second circuit electrodes formed

on the main surface of a second circuit board,

and a circuit connecting member situated between the main surface of said

first circuit board and the main surface of said second circuit board, and connecting

said first and second circuit members together with said first and second circuit

electrodes opposing each other,

wherein said circuit connecting member comprises a cured circuit connecting

material according to claim 2,

and said first circuit electrodes and said second circuit electrodes are

electrically connected through said covered particles.

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36. (New) A circuit member connection structure provided with

a first circuit member having a plurality of first circuit electrodes formed on the

main surface of a first circuit board,

a second circuit member having a plurality of second circuit electrodes formed

on the main surface of a second circuit board,

and a circuit connecting member situated between the main surface of said

first circuit board and the main surface of said second circuit board, and connecting

said first and second circuit members together with said first and second circuit

electrodes opposing each other,

wherein said circuit connecting member comprises a cured circuit connecting

material according to claim 3,

and said first circuit electrodes and said second circuit electrodes are

electrically connected through said covered particles.

(New) A circuit member connection structure according to claim 36, 37.

wherein, when a direct current voltage of 50 V is applied between adjacent circuit

electrodes, the resistance value between said adjacent circuit electrodes is $10^9 \; \Omega$ or

greater.

(New) A circuit member connection structure according to claim 35, 38.

wherein, when a direct current voltage of 50 V is applied between adjacent circuit

electrodes, the resistance value between said adjacent circuit electrodes is $10^9 \; \Omega$ or

greater.

39. (New) A circuit member connection structure according to claim 36, wherein at least one of said first and second circuit members is an IC chip.

- 40. (New) A circuit member connection structure according to claim 35, wherein at least one of said first and second circuit members is an IC chip.
- 41. (New) A circuit member connection structure according to claim 36, wherein the connection resistance between said first circuit electrodes and said second circuit electrodes is no greater than 1 Ω .
- 42. (New) A circuit member connection structure according to claim 35, wherein the connection resistance between said first circuit electrodes and said second circuit electrodes is no greater than 1 Ω .
- 43. (New) A circuit member connection structure according to claim 36, wherein at least one of said first and second circuit electrodes comprises an electrode surface layer comprising at least one material selected from the group consisting of gold, silver, tin, platinum group metals and indium tin oxide.
- 44. (New) A circuit member connection structure according to claim 35, wherein at least one of said first and second circuit electrodes comprises an electrode surface layer comprising at least one material selected from the group consisting of gold, silver, tin, platinum group metals and indium tin oxide.

- 45. (New) A circuit member connection structure according to claim 36, wherein at least one of said first and second circuit members comprises a board surface layer comprising at least one compound selected from the group consisting of silicon nitride, silicone compounds and polyimide resins.
- 46. (New) A circuit member connection structure according to claim 35, wherein at least one of said first and second circuit members comprises a board surface layer comprising at least one compound selected from the group consisting of silicon nitride, silicone compounds and polyimide resins.
- 47. (New) A process for fabrication of a circuit member connection structure, comprising:

a step of situating a circuit connecting material according to claim 2 between a first circuit member having a plurality of first circuit electrodes formed on the main surface of a first circuit board and a second circuit member having a plurality of second circuit electrodes formed on the main surface of a second circuit board, with said first circuit electrode and second circuit electrode opposing each other; and a step of curing said circuit connecting material by heating and pressing.

48. (New) A process for fabrication of a circuit member connection structure, comprising:

a step of situating a circuit connecting material according to claim 3 between a first circuit member having a plurality of first circuit electrodes formed on the main surface of a first circuit board and a second circuit member having a plurality of

second circuit electrodes formed on the main surface of a second circuit board, with said first circuit electrode and second circuit electrode opposing each other; and a step of curing said circuit connecting material by heating and pressing.